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Scientific Chemical Processing (SCP) Site Draft Feasibility Study
Air Compliance Branch Review

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The Air Compliance Branch has reviewed the Draft Feasibility Study (FS) Report for Scientific Chemical Processing (SCP) Site located in Carlstadt, New Jersey. Our comments are provided in Attachment I. Please incorporate our comments into the combined "Air" response to Superfund.

The purpose of the review was to identify Federal and State air emission standards that might apply to remedial activities at the site. We have also provided other information for guidance and reference when considering the air impacts of remedial activities on site.

Please call Mary G. Hewitt at x-6685 if you have any questions on ACB's review.

Attachment

cc: Janet Feldstein, ERRD-SCB
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ATTACHMENT I
SCIENTIFIC CHEMICAL PROCESSING SITE, Carlstadt, New Jersey
ACB Comments on Draft Feasibility Study
April 27, 1989

Alternative	Air Concerns	Regulations/Guidelines	Comments
A. No Action/ monitoring	Volatiles Fugitives	40 CFR 264:RCRA	Requires owner/operator to control wind dispersal of particulate matter.
		NJAC 7:26-10:RCRA	Requires owner/operator to control wind dispersal of particulate matter.
		NYS Air Guide-1:Guidance	Guidance for control of toxic ambient air contaminants.
		40 CFR 50:NAAQS	Provides air quality standards for particulate matter, and lead.
		NJAC 7:27-13:AAS	Provides air quality standards for suspended particulate matter, hydrocarbons, and photochemical oxidants.

ATTACHMENT I (CONT'D)
SCIENTIFIC CHEMICAL PROCESSING SITE, Carlstadt, New Jersey
ACB Comments on Draft Feasibility Study
April 27, 1989

Alternative	Air Concerns	Regulations/Guidelines	Comments
B. Slurry wall, dewater unit and treat, tank containment, cap	Volatiles Fugitives	See A above.	
		52 FR 3748:Proposed RCRA	Proposed standards for control of emissions from vents and equipment leaks.
		NJAC 7:27-16.6:VOC	Provides emission rates for VOC from source operations.
		NJAC 7:27-17:TVOC	Provides limits on emissions of TVOC.
		40 CFR 761:PCBs	Special performance standards for PCBs.
		40 CFR 61:NESHAPs	Provides emission standards which could be used as guidance.
C. Slurry wall, dewater unit and treat, vacuum extraction, tank containment, cap	Volatiles Fugitives	See B above.	
D. Slurry wall, dewater unit and treat, vacuum extraction, on-site stabilization/ solidification, tank containment, cap	Volatiles Fugitives	See B above.	

ATTACHMENT I (CONT'D)
SCIENTIFIC CHEMICAL PROCESSING SITE, Carlstdat, New Jersey
ACB Comments on Draft Feasibility Study
April 27, 1989

Alternative	Air Concerns	Regulations/Guidelines	Comments
E. Slurry wall, dewater unit and treat, vacuum extraction, contaminant extraction of PCBs for partial site and tank sludge, cap	Volatiles Fugitives	See B above.	
F. Slurry wall, dewater unit and treat, vacuum extraction, contaminant extraction of PCBs for partial site and tank sludge, on site stabilization/ solidification, cap	Volatiles Fugitives	See B above.	
G. Slurry wall dewater unit and treat, vacuum extraction, contaminant extraction of entire site, on site stailization/solidification, cap	Volatiles Fugitives	See B above.	
H. Slurry wall, dewater unit and treat, vitrification of entire site including tank sludge, cover	Volatiles Fugitives Potental emissions from vitrification process	See B above.	